

**Flood Control Project Maintenance**  
**Levee Inspections**

**Fall 2011 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

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MA0009	Overall LMA Rating	Total LMA Miles				
Sacramento Maintenance Yard Maintenance Area 0009	M	19.61				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
<i>Earthen Levee</i>						
Vegetation	0.76		0.76	3.88%		
Trim / Thin Trees	0.01		0.01	0.05%		
Encroachments	1.82		1.82	9.28%	3.54	1.14
Animal Control	0.01		0.01	0.05%		
<i>Supplemental</i>						
USACE Erosion Survey	0.59		0.59	3.01%		
<i>LMA Totals:</i>	3.19	0.00	3.19	16.27%	3.54	1.14

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Fall 2011 Levee Inspection Results**

**Sacramento Maintenance Yard Maintenance Area 0009**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2011 Levee Inspection Results**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	19.61
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	5/10/2011 - 5/16/2011		<b>11/3/2011 - 11/4/2011</b>	
DWR Inspector	John Williamson		<b>John Williamson</b>	
Accompanied By	Dave Williams Sacramento Maint.		<b>Dave Williams Sacramento Maint.</b>	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :      DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000


**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1	0.32	0.38	Supplemental USACE Erosion Survey	WS M						38.536756 ° 38.536036 °	1
							Inspector Comments: 1997 - Large cottonwoods on slope. 2003 - Some minor sloughing. 2004 - New sediment deposition on the downstream end. 2007 - New dock was installed without notification to USACE and halted the planned repair due to ROW issues. 2011: No observed change. [2011 Site ID: SAC_55-5_L]			-121.516107 ° -121.517087 °	Y
2	0.40	0.48	Earthen Levee	Encroachments	CR PO	Landscaping				38.536592 ° 38.535690 °	5
										-121.515912 ° -121.516747 °	Y
3	0.48	0.65	Earthen Levee	Encroachments	WS PO	Landscaping				38.535710 ° 38.534232 °	6
										-121.516800 ° -121.519208 °	Y
4	0.53	0.65	Earthen Levee	Encroachments	LS PO	Buildings				38.535031 ° 38.534199 °	966
							Inspector Comments: Hotel Le Rivage			-121.517211 ° -121.519215 °	Y
5	0.64	0.88	Supplemental USACE Erosion Survey	WS M						38.534144 ° 38.533143 °	3
							Inspector Comments: Site previously named 55.1. 2003 - Pockets of toe erosion at low flow waterline. 2005 - Site renamed 55.2. Still have pockets of erosion but rock bench at waterline is still present. 2010 - Site extended upstream due to new erosion. 2011: Some of the toe rock has failed. The upper levee slope seems to be slumping. [2011 Site ID: SAC_55-2_L]			-121.520263 ° -121.523010 °	Y
6	0.67	0.70	Earthen Levee	Encroachments	LS PO	Buildings				38.534097 ° 38.533907 °	7
										-121.519482 ° -121.520050 °	Y
7	0.68	0.68	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.				38.533986 ° 38.533986 °	2
										-121.519714 ° -121.519714 °	Y
8	0.72	0.72	Earthen Levee	Encroachments	LS M	Tree or limb				38.533770 ° 38.533770 °	1251
										-121.520452 ° -121.520452 °	Y
9	0.72	0.78	Earthen Levee	Encroachments	LS CO	Fences				38.533810 ° 38.533495 °	8
							Inspector Comments: Fence is a concrete block wall at toe			-121.520360 ° -121.521245 °	Y
10	0.79	0.80	Earthen Levee	Encroachments	LS C	Landscaping				38.533387 ° 38.533243 °	9
										-121.521462 ° -121.521710 °	
11	0.81	0.82	Earthen Levee	Encroachments	LS PO	Landscaping				38.533250 ° 38.533093 °	10
										-121.521718 ° -121.522022 °	
12	0.84	0.86	Earthen Levee	Encroachments	LS PO	Landscaping				38.532960 ° 38.532858 °	12
										-121.522325 ° -121.522625 °	
13	0.86	0.88	Earthen Levee	Encroachments	LS PO	Landscaping				38.532858 ° 38.532750 °	13
										-121.522625 ° -121.522965 °	
14	0.86	0.93	Earthen Levee	Encroachments	WS PO	Landscaping				38.532858 ° 38.532460 °	14
										-121.522627 ° -121.523767 °	
15	0.88	0.90	Earthen Levee	Encroachments	LS CO	Landscaping				38.532752 ° 38.532667 °	15
										-121.522980 ° -121.523358 °	Y

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
W : Watch/Monitor  
N : Not Inspected, see Inspector Comment  
C : Corrected

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
16	0.93	0.94	Earthen Levee	Encroachments	LS CO	Landscaping				38.532553 °	38.532425 °
										-121.523735 °	-121.524013 °
17	0.94	0.96	Earthen Levee	Encroachments	LS PO	Landscaping				38.532427 °	38.532297 °
										-121.524015 °	-121.524328 °
18	0.94	0.96	Earthen Levee	Encroachments	WS PO	Landscaping				38.532422 °	38.532293 °
										-121.524013 °	-121.524327 °
19	0.96	0.98	Earthen Levee	Encroachments	LS PO	Landscaping				38.532298 °	38.532190 °
										-121.524328 °	-121.524623 °
20	0.98	1.00	Earthen Levee	Encroachments	LS CO	Landscaping				38.532192 °	38.532082 °
										-121.524623 °	-121.524920 °
21	1.00	1.02	Earthen Levee	Encroachments	LS PO	Landscaping				38.532082 °	38.531977 °
										-121.524922 °	-121.525233 °
22	1.02	1.04	Earthen Levee	Encroachments	LS PO	Landscaping				38.531977 °	38.531842 °
										-121.525235 °	-121.525577 °
23	1.04	1.06	Earthen Levee	Encroachments	LS CO	Landscaping				38.531842 °	38.531735 °
										-121.525578 °	-121.525893 °
24	1.06	1.08	Earthen Levee	Encroachments	LS PO	Landscaping				38.531737 °	38.531635 °
										-121.525895 °	-121.526233 °
25	1.06	1.06	Supplemental USACE Erosion Survey	WS M						38.531417 °	38.531489 °
							Inspector Comments: 2011: A large tree has fallen behind a larger tree, putting stress on an already compromised tree. Toe erosion due to wavewash. [2011 Site ID: SAC_54-8_L]			-121.527589 °	-121.527445 °
26	1.10	1.14	Earthen Levee	Encroachments	LS PO	Landscaping				38.531548 °	38.531330 °
										-121.526607 °	-121.527215 °
27	1.27	1.31	Earthen Levee	Encroachments	LS CO	Landscaping				38.529952 °	38.529420 °
										-121.528770 °	-121.528905 °
28	1.29	1.29	Earthen Levee	Encroachments	WS M	Tree or limb				38.529646 °	38.529646 °
										-121.528844 °	-121.528844 °
29	1.31	1.34	Earthen Levee	Encroachments	LS CO	Landscaping				38.529412 °	38.528912 °
										-121.528902 °	-121.528833 °
30	1.31	1.31	Earthen Levee	Encroachments	LS M	Firewood				38.529323 °	38.529323 °
										-121.528897 °	-121.528897 °
31	1.34	1.36	Earthen Levee	Encroachments	LS CO	Fences				38.528910 °	38.528705 °
										-121.528835 °	-121.528823 °
32	1.36	1.36	Earthen Levee	Encroachments	LS PO	Landscaping				38.528575 °	38.528575 °
										-121.528840 °	-121.528840 °
33	1.38	1.40	Earthen Levee	Encroachments	LS CO	Landscaping				38.528420 °	38.528115 °
										-121.528820 °	-121.528802 °

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Sacramento River							Left	19.61	11/03/2011 11/04/2011	John Williamson		
LMR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude		Issue No.
	Start	End								Start	End	
34	1.41	1.41	Earthen Levee	Encroachments	LS CO	Landscaping				38.527948 °	38.527948 °	1252
										-121.528726 °	-121.528726 °	Y
35	1.62	1.63	Earthen Levee	Encroachments	LS PO	Landscaping				38.525503 °	38.525402 °	39
										-121.526658 °	-121.526473 °	
36	1.88	1.92	Earthen Levee	Encroachments	LS CO	Landscaping				38.522895 °	38.522488 °	41
										-121.523100 °	-121.522700 °	Y
37	1.91	1.91	Earthen Levee	Encroachments	LS CO	Buildings				38.522657 °	38.522657 °	42
										-121.522880 °	-121.522880 °	Y
38	1.91	1.95	Supplemental USACE Erosion Survey	WS M						38.520996 °	38.520606 °	20
							Inspector Comments: 2011: Erosion into upper and lower slope. There has been significant scour around the tree roots. [2011 Site ID: SAC_53-8_L]					
39	2.04	2.04	Earthen Levee	Encroachments	LS CO	Buildings				38.520987 °	38.520987 °	43
										-121.522750 °	-121.522750 °	Y
40	2.81	2.81	Earthen Levee	Encroachments	LS CO	Fences				38.516215 °	38.516215 °	44
										-121.534468 °	-121.534468 °	Y
41	2.82	2.82	Earthen Levee	Encroachments	LS PO	Buildings				38.516192 °	38.516192 °	45
										-121.534672 °	-121.534672 °	
42	2.85	2.86	Earthen Levee	Encroachments	LS CO	Landscaping				38.516178 °	38.516170 °	46
										-121.535130 °	-121.535347 °	Y
43	2.95	2.96	Earthen Levee	Encroachments	LS PO	Landscaping				38.516095 °	38.516067 °	49
										-121.536918 °	-121.537200 °	
44	2.95	2.95	Earthen Levee	Encroachments	LS PO	Landscaping				38.516040 °	121.537020 °	1254
							Inspector Comments: Pool is still there with retaining wall.					
45	2.96	2.98	Earthen Levee	Encroachments	LS PO	Landscaping				38.516067 °	38.516035 °	50
										-121.537202 °	-121.537482 °	
46	2.98	2.99	Earthen Levee	Encroachments	LS PO	Landscaping				38.516033 °	38.516002 °	51
										-121.537483 °	-121.537768 °	
47	2.99	3.01	Earthen Levee	Encroachments	LS PO	Landscaping				38.516002 °	38.515972 °	52
										-121.537777 °	-121.538070 °	
48	3.02	3.04	Earthen Levee	Encroachments	LS PO	Landscaping				38.515948 °	38.515912 °	54
										-121.538342 °	-121.538607 °	
49	3.02	3.02	Earthen Levee	Encroachments	LS PO	Landscaping				38.515947 °	38.515947 °	53
										-121.538342 °	-121.538342 °	
50	3.04	3.05	Earthen Levee	Encroachments	LS PO	Landscaping				38.515912 °	38.515888 °	56
										-121.538607 °	-121.538897 °	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
51	3.04	3.10	Supplemental USACE Erosion Survey	WS M						38.515887 ° 38.515794 ° 30 -121.540174 ° -121.540713 ° Y	
							Inspector Comments: 2010 - Small section of slumping, can be fixed with maintenance. 2011: Freshly fallen tree. [2011 Site ID: SAC_52-7_L]				
52	3.06	3.12	Earthen Levee	Encroachments	LS CO	Fences				38.515877 ° 38.515625 ° 58 -121.538948 ° -121.539987 ° Y	
53	3.12	3.15	Earthen Levee	Encroachments	LS PO	Landscaping				38.515602 ° 38.515510 ° 59 -121.540018 ° -121.540495 °	
54	3.15	3.16	Earthen Levee	Encroachments	LS PO	Landscaping				38.515510 ° 38.515487 ° 60 -121.540493 ° -121.540782 °	
55	3.16	3.16	Earthen Levee	Encroachments	WS M	Tree or limb				38.515467 ° 38.515467 ° 1253 -121.540710 ° -121.540710 ° Y	
56	3.16	3.18	Earthen Levee	Encroachments	LS PO	Landscaping				38.515487 ° 38.515420 ° 61 -121.540782 ° -121.541030 °	
57	3.18	3.19	Earthen Levee	Encroachments	LS PO	Landscaping				38.515422 ° 38.515368 ° 62 -121.541030 ° -121.541297 °	
58	3.19	3.21	Earthen Levee	Encroachments	LS PO	Landscaping				38.515368 ° 38.515300 ° 63 -121.541297 ° -121.541575 °	
59	3.21	3.22	Earthen Levee	Encroachments	LS PO	Landscaping				38.515297 ° 38.515230 ° 64 -121.541577 ° -121.541818 °	
60	3.21	3.21	Earthen Levee	Encroachments	WS C	Landscaping				38.515257 ° 38.515257 ° 17 -121.541696 ° -121.541696 °	
61	3.22	3.23	Earthen Levee	Encroachments	LS PO	Landscaping				38.515225 ° 38.515158 ° 65 -121.541817 ° -121.542068 °	
62	3.24	3.25	Earthen Levee	Encroachments	LS PO	Landscaping				38.515157 ° 38.515095 ° 66 -121.542070 ° -121.542363 °	
63	3.25	3.27	Earthen Levee	Encroachments	LS PO	Landscaping				38.515095 ° 38.515030 ° 67 -121.542367 ° -121.542665 °	
64	3.27	3.28	Earthen Levee	Encroachments	LS PO	Landscaping				38.515032 ° 38.514977 ° 68 -121.542667 ° -121.542932 °	
65	3.27	3.29	Supplemental USACE Erosion Survey	WS M						38.515300 ° 38.515184 ° 31 -121.542755 ° -121.543136 ° Y	
							Inspector Comments: 2004 - A large tree cave was identified. 2005 - Site repaired. 2010 - At the downstream end of the repair at 52.5, bad transition is inducing further erosion. 2011: Minor new erosion on bank. [2011 Site ID: SAC_52-4_L]				
66	3.28	3.30	Earthen Levee	Encroachments	LS CO	Fences				38.514973 ° 38.514900 ° 69 -121.542932 ° -121.543217 ° Y	
67	3.30	3.31	Earthen Levee	Encroachments	LS PO	Landscaping				38.514900 ° 38.514845 ° 70 -121.543218 ° -121.543470 °	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
68	3.31	3.33	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: Owner has planted ice plant on the landside levee slope.			38.514847 ° 38.514810 °	71
										-121.543472 ° -121.543693 °	
69	3.33	3.34	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: new small retaining wall; wrought iron fence on top of wall, star jasmine on fence			38.514810 ° 38.514758 °	72
										-121.543693 ° -121.543900 °	
70	3.34	3.37	Earthen Levee	Encroachments	LS CO	Fences				38.514713 ° 38.514561 °	73
										-121.543887 ° -121.544454 °	Y
71	3.60	3.62	Earthen Levee	Encroachments	LS CO	Fences				38.513487 ° 38.513392 °	74
										-121.548467 ° -121.548823 °	Y
72	3.62	3.65	Earthen Levee	Encroachments	LS CO	Landscaping				38.513392 ° 38.513290 °	75
										-121.548823 ° -121.549247 °	
73	3.65	3.69	Earthen Levee	Encroachments	LS CO	Fences				38.513290 ° 38.513097 °	76
										-121.549247 ° -121.550032 °	Y
74	3.69	3.71	Earthen Levee	Encroachments	LS PO	Landscaping				38.513095 ° 38.513027 °	77
										-121.550033 ° -121.550235 °	
75	3.71	3.72	Earthen Levee	Encroachments	LS PO	Landscaping				38.513027 ° 38.512928 °	78
										-121.550237 ° -121.550500 °	
76	3.72	3.74	Earthen Levee	Encroachments	LS PO	Landscaping				38.512927 ° 38.512803 °	79
										-121.550500 ° -121.550747 °	
77	3.74	3.75	Earthen Levee	Encroachments	LS PO	Landscaping				38.512802 ° 38.512668 °	80
										-121.550747 ° -121.550983 °	
78	3.75	3.77	Earthen Levee	Encroachments	LS PO	Landscaping				38.512668 ° 38.512550 °	81
										-121.550983 ° -121.551212 °	
79	3.77	3.78	Earthen Levee	Encroachments	LS PO	Landscaping				38.512548 ° 38.512418 °	82
										-121.551212 ° -121.551428 °	
80	3.78	3.80	Earthen Levee	Encroachments	LS PO	Landscaping				38.512417 ° 38.512283 °	83
										-121.551428 ° -121.551662 °	
81	3.80	3.81	Earthen Levee	Encroachments	LS PO	Landscaping				38.512283 ° 38.512180 °	84
										-121.551662 ° -121.551847 °	
82	3.81	3.82	Earthen Levee	Encroachments	LS PO	Landscaping				38.512180 ° 38.512052 °	85
										-121.551847 ° -121.552025 °	
83	3.82	3.84	Earthen Levee	Encroachments	LS PO	Landscaping				38.512052 ° 38.511905 °	86
										-121.552027 ° -121.552210 °	
84	3.84	3.85	Earthen Levee	Encroachments	LS PO	Landscaping				38.511903 ° 38.511752 °	87
										-121.552212 ° -121.552373 °	
85	3.85	3.87	Earthen Levee	Encroachments	LS PO	Landscaping				38.511752 ° 38.511555 °	88
										-121.552375 ° -121.552592 °	

\* Location  
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W : Watch/Monitor  
N : Not Inspected, see Inspector Comment  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
86	3.87	3.89	Earthen Levee	Encroachments	LS	PO	Landscaping			38.511557 °	38.511373 °
										-121.552592 °	-121.552785 °
87	3.89	3.90	Earthen Levee	Encroachments	LS	PO	Landscaping			38.511373 °	38.511205 °
										-121.552787 °	-121.552950 °
88	3.90	3.92	Earthen Levee	Encroachments	LS	PO	Landscaping			38.511205 °	38.511035 °
										-121.552948 °	-121.553097 °
89	3.92	3.93	Earthen Levee	Encroachments	LS	PO	Landscaping			38.511033 °	38.510850 °
										-121.553097 °	-121.553245 °
90	3.93	3.95	Earthen Levee	Encroachments	LS	PO	Landscaping			38.510850 °	38.510663 °
										-121.553247 °	-121.553398 °
91	3.95	3.96	Earthen Levee	Encroachments	LS	PO	Landscaping			38.510663 °	38.510482 °
										-121.553400 °	-121.553543 °
92	3.96	3.98	Earthen Levee	Encroachments	LS	PO	Landscaping	Inspector Comments: The owner has added stairs to the waterside slope.			38.510480 °
											-121.553543 °
93	3.98	3.99	Earthen Levee	Encroachments	LS	PO	Landscaping			38.510285 °	38.510065 °
								Inspector Comments: There are stairs on the waterside levee slope			-121.553682 °
94	3.99	4.01	Earthen Levee	Encroachments	LS	CO	Landscaping			38.510065 °	38.509898 °
											-121.553822 °
95	4.01	4.02	Earthen Levee	Encroachments	LS	PO	Landscaping			38.509897 °	38.509713 °
											-121.553913 °
96	4.02	4.03	Earthen Levee	Encroachments	LS	PO	Landscaping			38.509712 °	38.509533 °
											-121.554023 °
97	4.05	4.07	Earthen Levee	Encroachments	LS	CO	Landscaping			38.509313 °	38.509083 °
								Inspector Comments: cactus and unpermitted landscape			-121.554242 °
98	4.07	4.08	Earthen Levee	Encroachments	LS	PO	Landscaping			38.509082 °	38.508875 °
											-121.554355 °
99	4.08	4.10	Earthen Levee	Encroachments	LS	PO	Landscaping			38.508873 °	38.508680 °
											-121.554448 °
100	4.11	4.13	Earthen Levee	Encroachments	LS	PO	Landscaping			38.508490 °	38.508297 °
											-121.554647 °
101	4.11	4.11	Earthen Levee	Encroachments	LS	PO	Landscaping			38.508488 °	38.508488 °
											-121.554647 °
102	4.13	4.14	Earthen Levee	Encroachments	LS	PO	Landscaping			38.508297 °	38.508155 °
											-121.554748 °
103	4.17	4.20	Earthen Levee	Encroachments	LS	CO	Fences			38.507720 °	38.507375 °
											-121.555128 °
											Y

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
104	4.23	4.25	Earthen Levee	Encroachments	LS CO	Fences				38.506937 °	38.506617 ° 109
										-121.555557 °	-121.555678 ° Y
105	4.25	4.28	Earthen Levee	Encroachments	LS PO	Landscaping				38.506613 °	38.506325 ° 110
										-121.555680 °	-121.555792 °
106	4.28	4.30	Earthen Levee	Encroachments	LS PO	Landscaping				38.506323 °	38.506018 ° 111
										-121.555788 °	-121.555907 °
107	4.30	4.32	Earthen Levee	Encroachments	LS PO	Landscaping				38.506017 °	38.505682 ° 112
							Inspector Comments: Chain link fence leaning towards house.			-121.555907 °	-121.556047 ° Y
108	4.34	4.37	Earthen Levee	Encroachments	LS PO	Landscaping				38.505375 °	38.505050 ° 114
										-121.556150 °	-121.556225 °
109	4.37	4.39	Earthen Levee	Encroachments	LS CO	Landscaping				38.505048 °	38.504732 ° 115
										-121.556225 °	-121.556350 °
110	4.39	4.41	Earthen Levee	Encroachments	LS PO	Landscaping				38.504728 °	38.504413 ° 116
										-121.556350 °	-121.556447 °
111	4.41	4.43	Earthen Levee	Encroachments	LS PO	Landscaping				38.504413 °	38.504162 ° 117
										-121.556443 °	-121.556527 °
112	4.43	4.45	Earthen Levee	Encroachments	LS PO	Landscaping				38.504160 °	38.503882 ° 118
										-121.556528 °	-121.556608 °
113	4.45	4.47	Earthen Levee	Encroachments	LS PO	Landscaping				38.503883 °	38.503677 ° 119
										-121.556608 °	-121.556657 °
114	4.47	4.49	Earthen Levee	Encroachments	LS PO	Landscaping				38.503670 °	38.503403 ° 120
										-121.556658 °	-121.556758 °
115	4.49	4.50	Earthen Levee	Encroachments	LS PO	Landscaping				38.503403 °	38.503185 ° 121
										-121.556760 °	-121.556865 °
116	4.50	4.52	Earthen Levee	Encroachments	LS PO	Landscaping				38.503185 °	38.502960 ° 122
										-121.556865 °	-121.556963 °
117	4.50	4.50	Earthen Levee	Encroachments	LS CO	Buildings				38.503162 °	38.503162 ° 123
										-121.556870 °	-121.556870 ° Y
118	4.52	4.54	Earthen Levee	Encroachments	LS PO	Landscaping				38.502960 °	38.502743 ° 124
										-121.556963 °	-121.557110 °
119	4.54	4.55	Earthen Levee	Encroachments	LS PO	Landscaping				38.502743 °	38.502532 ° 125
										-121.557115 °	-121.557245 °
120	4.55	4.57	Earthen Levee	Encroachments	LS PO	Landscaping				38.502532 °	38.502317 ° 126
										-121.557247 °	-121.557360 °
121	4.57	4.59	Earthen Levee	Encroachments	LS PO	Landscaping				38.502315 °	38.502097 ° 127
										-121.557360 °	-121.557442 °

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector			
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.		
	Start	End								Start	End		
122	4.59	4.60	Earthen Levee	Encroachments	LS	PO	Landscaping			38.502098 °	38.501833 °	128	
										-121.557443 °	-121.557537 °		
123	4.60	4.63	Earthen Levee	Encroachments	LS	PO	Landscaping			38.501832 °	38.501523 °	129	
										-121.557537 °	-121.557623 °		
124	4.69	4.75	Earthen Levee	Encroachments	LS	CO	Fences			38.500680 °	38.499735 °	130	
										-121.557755 °	-121.557807 °	Y	
125	4.71	4.71	Earthen Levee	Encroachments	WS	C	Pipe			38.500396 °	-121.557800 °	1255	
							Inspector Comments: Pipe was removed.			°	°		
126	4.75	4.79	Earthen Levee	Encroachments	LS	PO	Landscaping			38.499713 °	38.499225 °	131	
										-121.557805 °	-121.557802 °		
127	4.85	4.88	Earthen Levee	Encroachments	LS	PO	Landscaping			38.498385 °	38.497915 °	132	
										-121.557717 °	-121.557612 °		
128	4.93	4.99	Earthen Levee	Encroachments	LS	PO	Landscaping			38.497265 °	38.496430 °	133	
										-121.557407 °	-121.557097 °		
129	4.99	5.03	Earthen Levee	Encroachments	LS	PO	Landscaping			38.496393 °	38.495905 °	135	
										-121.557087 °	-121.556833 °		
130	5.02	5.02	Earthen Levee	Encroachments	LS	CO	Buildings			38.496033 °	38.496033 °	136	
										-121.556905 °	-121.556905 °	Y	
131	5.03	5.04	Earthen Levee	Encroachments	LS	CO	Landscaping			38.495905 °	38.495732 °	137	
										-121.556835 °	-121.556718 °		
132	5.04	5.04	Earthen Levee	Encroachments	LS	CO	Buildings			38.495728 °	38.495728 °	138	
										-121.556717 °	-121.556717 °	Y	
133	5.05	5.05	Earthen Levee	Encroachments	LS	CO	Buildings			38.495617 °	38.495617 °	139	
										-121.556635 °	-121.556635 °	Y	
134	5.14	5.22	Earthen Levee	Encroachments	LS	PO	Landscaping			38.494467 °	38.493453 °	141	
										-121.555767 °	-121.555075 °		
135	5.23	5.29	Earthen Levee	Encroachments	LS	CO	Fences			38.493337 °	38.492628 °	142	
										-121.554985 °	-121.554375 °	Y	
136	5.29	5.33	Earthen Levee	Encroachments	LS	PO	Landscaping			38.492628 °	38.492118 °	143	
										-121.554378 °	-121.553970 °		
137	5.31	5.31	Earthen Levee	Encroachments	LS	CO	Buildings			38.492470 °	38.492470 °	145	
										-121.554265 °	-121.554265 °	Y	
138	5.33	5.40	Earthen Levee	Encroachments	LS	PO	Landscaping			38.492117 °	38.491357 °	146	
										-121.553967 °	-121.553313 °		
139	5.35	5.35	Supplemental USACE Erosion Survey	WS	M			Inspector Comments: 2011: Tree popout at the toe has taken out the rock toe protection. [2011 Site ID: SAC_50-3_L]			38.490892 °	38.491086 °	47
											-121.553352 °	-121.553540 °	Y

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
140	5.40	5.44	Earthen Levee	Encroachments	LS PO	Landscaping				38.491358 °	38.490938 °
										-121.553313 °	-121.552923 °
141	5.49	5.51	Earthen Levee	Encroachments	LS PO	Landscaping				38.490277 °	38.490053 °
										-121.552368 °	-121.552138 °
142	5.51	5.53	Earthen Levee	Encroachments	LS PO	Landscaping				38.490053 °	38.489812 °
										-121.552138 °	-121.551965 °
143	5.53	5.55	Earthen Levee	Encroachments	LS PO	Landscaping				38.489815 °	38.489592 °
										-121.551968 °	-121.551802 °
144	5.55	5.58	Earthen Levee	Encroachments	LS CO	Landscaping				38.489592 °	38.489222 °
										-121.551800 °	-121.551543 °
145	5.58	5.60	Earthen Levee	Encroachments	LS CO	Fences				38.489218 °	38.488952 °
										-121.551542 °	-121.551345 °
146	5.98	6.06	Earthen Levee	Encroachments	LS PO	Landscaping				38.484248 °	38.483265 °
										-121.547885 °	-121.547243 °
147	6.40	6.40	Earthen Levee	Encroachments	WS C	Pipe				38.479115 °	-121.543840 °
						Inspector Comments: Pipe was removed				°	°
148	6.90	6.90	Earthen Levee	Encroachments	LS CO	Landscaping				38.475062 °	38.475062 °
										-121.536438 °	-121.536438 °
149	6.96	6.96	Earthen Levee	Encroachments	LS PO	Landscaping				38.474890 °	38.474890 °
										-121.535450 °	-121.535450 °
150	7.32	7.32	Earthen Levee	Encroachments	LS PO	Landscaping				38.474848 °	38.474848 °
										-121.528808 °	-121.528808 °
151	7.38	7.39	Earthen Levee	Encroachments	LS CO	Fences				38.474888 °	38.474917 °
										-121.527813 °	-121.527503 °
152	7.52	7.55	Earthen Levee	Encroachments	LS CO	Fences				38.475170 °	38.475225 °
										-121.525220 °	-121.524653 °
153	7.55	7.58	Earthen Levee	Encroachments	LS PO	Landscaping				38.475223 °	38.475277 °
										-121.524652 °	-121.524128 °
154	7.58	7.69	Earthen Levee	Encroachments	LS PO	Landscaping				38.475282 °	38.475377 °
										-121.524130 °	-121.522092 °
155	8.60	8.60	Earthen Levee	Encroachments	CR PO	Buildings				38.472737 °	38.472737 °
						Inspector Comments: new pumping plant for East Bay mud				-121.506213 °	-121.506213 °
156	8.85	10.63	Earthen Levee	Encroachments	CR M	Equipment				38.469873 °	38.444723 °
						Inspector Comments: Encroachment is railroad tracks (equipment),access is very limited, no patrol access, vegetation maint. is difficult. Tracks end at Cliff's Marina where Highway 160 crosses tracks, LM9.36-9.80 is the town of Freeport with many encroachments				-121.503680 °	-121.500283 °

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
157	8.98	8.98	Earthen Levee	Encroachments	LS W	Equipment Inspector Comments: This concrete inlet is a drain for Freeport Blvd. from landside toe to the other side of the road. The inlet has been cleaned out and is still in place for drainage.			38.468098 ° -121.503420 °	1257	
158	9.07	9.22	Supplemental USACE Erosion Survey	Erosion	WS M				38.464885 ° -121.503448 °	38.464443 ° -121.503370 °	48 Y
159	9.20	9.20	Earthen Levee	Erosion / Bank Caving	WS W	Note and monitor erosion site. Inspector Comments: GPS point is upstream of site. Raincoat was placed last winter to help prevent more erosion. Raincoat is torn and weathered needs to be replaced until repaired.			38.464895 ° -121.503212 °	38.464895 ° -121.503212 °	951
160	9.31	9.33	Earthen Levee	Encroachments	LS PO	Landscaping			38.463265 ° -121.502870 °	38.463007 ° -121.502712 °	168
161	9.34	9.34	Earthen Levee	Encroachments	LS CO	Fences			38.462900 ° -121.502762 °	38.462900 ° -121.502762 °	169
162	9.35	9.35	Earthen Levee	Encroachments	LS CO	Buildings			38.462803 ° -121.502747 °	38.462803 ° -121.502747 °	170
163	9.35	9.35	Earthen Levee	Encroachments	LS CO	Fences			38.462728 ° -121.502727 °	38.462728 ° -121.502727 °	171
164	9.36	9.36	Earthen Levee	Encroachments	LS CO	Buildings			38.462643 ° -121.502677 °	38.462643 ° -121.502677 °	172
165	9.36	9.36	Earthen Levee	Encroachments	LS PO	Buildings			38.463460 ° -121.499882 °	38.463460 ° -121.499882 °	167
166	9.36	9.36	Earthen Levee	Encroachments	LS CO	Fences			38.462598 ° -121.502668 °	38.462598 ° -121.502668 °	173
167	9.37	9.37	Earthen Levee	Encroachments	LS CO	Buildings			38.462535 ° -121.502658 °	38.462535 ° -121.502658 °	174
168	9.41	9.41	Earthen Levee	Encroachments	LS PO	Landscaping			38.461970 ° -121.502422 °	38.461970 ° -121.502420 °	175
169	9.41	9.41	Earthen Levee	Encroachments	LS CO	Buildings			38.461955 ° -121.502437 °	38.461955 ° -121.502437 °	176
170	9.41	9.41	Earthen Levee	Encroachments	LS PO	Landscaping			38.461955 ° -121.502437 °	38.461955 ° -121.502437 °	177
171	9.48	9.48	Earthen Levee	Encroachments	LS CO	Buildings			38.460995 ° -121.502093 °	38.460995 ° -121.502093 °	178

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
172	9.50	9.50	Earthen Levee	Encroachments	LS CO	Fences				38.460717 °	38.460717 ° 179
										-121.502172 °	-121.502172 °
173	9.50	9.51	Earthen Levee	Encroachments	LS PO	Landscape				38.460717 °	38.460392 ° 180
										-121.502172 °	-121.502310 °
174	9.51	9.60	Earthen Levee	Encroachments	LS CO	Fences				38.460392 °	38.459377 ° 181
										-121.502310 °	-121.501568 °
175	9.60	9.60	Earthen Levee	Encroachments	LS CO	Buildings				38.459268 °	38.459268 ° 182
										-121.501492 °	-121.501492 °
176	9.60	9.63	Earthen Levee	Encroachments	LS PO	Landscape				38.459268 °	38.458917 ° 183
										-121.501492 °	-121.501357 °
177	9.67	9.67	Earthen Levee	Encroachments	LS PO	Buildings				38.458275 °	38.458275 ° 184
							Inspector Comments: Freeport bait shop			-121.501338 °	-121.501338 °
178	9.67	9.69	Earthen Levee	Encroachments	WS PO	Landscape				38.458242 °	38.458018 ° 186
										-121.501340 °	-121.501317 °
179	9.67	9.70	Earthen Levee	Encroachments	LS PO	Landscape				38.458242 °	38.457873 ° 185
										-121.501340 °	-121.501290 °
180	10.64	10.64	Earthen Levee	Encroachments	WS PO	Buildings				38.444595 °	38.444595 ° 188
							Inspector Comments: Cliff's Marina flood wall was added in 2007			-121.500277 °	-121.500277 ° Y
181	10.82	10.82	Earthen Levee	Encroachments	LS PO	Landscape				38.442057 °	38.442057 ° 221
										-121.501180 °	-121.501180 °
182	10.89	10.89	Earthen Levee	Encroachments	LS PO	Landscape				38.441133 °	38.441133 ° 220
										-121.501632 °	-121.501632 °
183	10.94	10.94	Earthen Levee	Encroachments	LS PO	Landscape				38.440577 °	38.440577 ° 219
										-121.502058 °	-121.502058 °
184	11.08	11.08	Earthen Levee	Encroachments	LS PO	Landscape				38.438938 °	38.438938 ° 217
										-121.503608 °	-121.503608 °
185	11.14	11.14	Earthen Levee	Encroachments	LS PO	Landscape				38.438320 °	38.438320 ° 216
										-121.504243 °	-121.504243 ° Y
186	11.18	11.18	Earthen Levee	Encroachments	LS PO	Landscape				38.437920 °	38.437920 ° 215
										-121.504773 °	-121.504773 ° Y
187	11.21	11.21	Earthen Levee	Encroachments	LS PO	Landscape				38.437613 °	38.437613 ° 214
										-121.505243 °	-121.505243 ° Y
188	11.32	11.32	Earthen Levee	Encroachments	LS CO	Landscape				38.436662 °	38.436662 ° 213
										-121.506745 °	-121.506745 °
189	11.46	11.46	Earthen Levee	Encroachments	LS CO	Landscape				38.435585 °	38.435585 ° 212
										-121.508928 °	-121.508928 ° Y

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Sacramento River							Left	19.61	11/03/2011 11/04/2011	John Williamson		
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude		Issue No.
	Start	End								Start	End	
190	11.50	11.50	Earthen Levee	Encroachments	LS PO	Landscaping				38.435385 °	38.435385 °	211
										-121.509577 °	-121.509577 °	Y
191	11.67	11.67	Earthen Levee	Encroachments	LS PO	Buildings				38.434465 °	38.434465 °	210
							Inspector Comments: Building with some landscaping in front of it.			-121.512453 °	-121.512453 °	Y
192	11.68	11.68	Earthen Levee	Encroachments	LS PO	Landscaping				38.434413 °	38.434413 °	209
										-121.512623 °	-121.512623 °	Y
193	11.91	11.91	Earthen Levee	Encroachments	WS W	Pipe				38.434035 °	-121.516780 °	1258
							Inspector Comments: The pipes are still in place. They are thought to be abandoned and possibly grouted. No records found.			°	°	°
194	12.14	12.14	Earthen Levee	Encroachments	LS PO	Landscaping				38.433977 °	38.433977 °	208
										-121.520955 °	-121.520955 °	Y
195	12.27	12.27	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.				38.434062 °	38.434062 °	958
										-121.523323 °	-121.523323 °	Y
196	12.54	12.54	Earthen Levee	Encroachments	LS PO	Landscaping				38.433543 °	38.433543 °	225
										-121.528113 °	-121.528113 °	Y
197	12.85	12.85	Earthen Levee	Encroachments	WS W	Pipe				38.430461 °	-121.531540 °	1259
							Inspector Comments: Pipe is still in place.			°	°	°
198	12.87	12.87	Earthen Levee	Vegetation	WS C	Remove the wild growth other than native grasses from the levee slopes.				38.430335 °	38.430335 °	963
							Inspector Comments: Arundo two patches			-121.531470 °	-121.531470 °	
199	12.90	12.90	Earthen Levee	Encroachments	LS PO	Landscaping				38.429872 °	38.429872 °	207
							Inspector Comments: Scribners main house.			-121.531310 °	-121.531310 °	Y
200	13.60	13.60	Earthen Levee	Encroachments	LS PO	Landscaping				38.421237 °	38.421237 °	206
										-121.524858 °	-121.524858 °	Y
201	14.43	14.43	Earthen Levee	Encroachments	LS PO	Landscaping				38.411062 °	38.411062 °	205
										-121.517315 °	-121.517315 °	Y
202	14.57	14.77	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.				38.409363 °	38.406675 °	1250
										-121.516201 °	-121.514711 °	Y
203	14.93	14.93	Earthen Levee	Encroachments	LS CO	Fences				38.404527 °	38.404527 °	957
							Inspector Comments: Painted brick wall on landside shoulder.			-121.513715 °	-121.513715 °	Y
204	15.29	15.29	Earthen Levee	Encroachments	LS PO	Landscaping				38.399591 °	38.399591 °	55
										-121.512055 °	-121.512055 °	Y
205	15.32	15.46	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.				38.399243 °	38.397173 °	1249
										-121.512020 °	-121.511856 °	Y
206	15.73	15.73	Earthen Levee	Vegetation	LS W	Elderberries are blocking visibility and flood fight capability.				38.393279 °	38.393279 °	204
										-121.512142 °	-121.512142 °	

\* Location  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
207	15.94	15.94	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Cactus	38.390347 °	38.390347 °	203	-121.512493 ° -121.512493 ° Y
208	16.01	16.12	Earthen Levee	Encroachments	LS PO	Fences		38.389423 °	38.387844 °	965	-121.512783 ° -121.513395 ° Y
209	16.01	16.10	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.389359 °	38.388179 °	1248	-121.512799 ° -121.513229 ° Y
210	16.15	16.32	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: Rosebud and house upstream	38.387458 °	38.385250 °	202	-121.513543 ° -121.514923 ° Y
211	16.22	16.22	Earthen Levee	Vegetation	WS W		Elderberries are blocking visibility and flood fight capability.	38.386542 °	38.386542 °	952	-121.514111 ° -121.514111 °
212	16.34	16.66	Earthen Levee	Encroachments	LS PO	Fences		38.385070 °	38.381971 °	964	-121.515143 ° -121.519487 ° Y
213	16.36	16.36	Earthen Levee	Vegetation	WS W		Elderberries are blocking visibility and flood fight capability.	38.384924 °	38.384924 °	953	-121.515363 ° -121.515363 °
214	16.57	16.64	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.382724 °	38.382199 °	1247	-121.518050 ° -121.519079 ° Y
215	17.14	17.14	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.376409 °	38.376409 °	1246	-121.523416 ° -121.523416 ° Y
216	17.35	17.35	Earthen Levee	Encroachments	LS PO	Landscaping		38.373798 °	38.373798 °	200	-121.522138 ° -121.522138 ° Y
217	17.59	17.59	Earthen Levee	Encroachments	LS PO	Landscaping		38.370453 °	38.370453 °	199	-121.520878 ° -121.520878 ° Y
218	17.69	17.75	Earthen Levee	Encroachments	WS PO	Buildings	Inspector Comments: Town of Hood	38.369102 °	38.368225 °	189	-121.520500 ° -121.520298 ° Y
219	17.85	17.85	Earthen Levee	Encroachments	LS PO	Buildings	Inspector Comments: pumphouse downstream of the town Hood	38.366900 °	38.366900 °	198	-121.520022 ° -121.520022 ° Y
220	17.87	18.11	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.366518 °	38.363202 °	1245	-121.520009 ° -121.519817 ° Y
221	18.31	18.31	Earthen Levee	Encroachments	LS PO	Fences		38.360380 °	38.360380 °	40	-121.520776 ° -121.520776 ° Y
222	18.40	18.40	Earthen Levee	Encroachments	LS PO	Landscaping		38.359500 °	38.359500 °	197	-121.521797 ° -121.521797 ° Y
223	18.55	18.55	Earthen Levee	Encroachments	LS	C	Pipe Inspector Comments: The pipe thru the levee is leaking. This is the pipe that was leaking during high water.	38.358402 °	38.358402 °	16	121.524171 ° 121.524171 °

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Sacramento River							Left	19.61	11/03/2011 11/04/2011	John Williamson		
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End								Start	End	
224	18.57	18.57	Earthen Levee	Encroachments	LS	PO	Fences			38.358278 °	38.358278 °	956
										-121.524323 °	-121.524323 °	Y
225	18.95	18.95	Earthen Levee	Vegetation	WS	W	Elderberries are blocking visibility and flood fight capability.			38.354253 °	38.354253 °	190
										-121.528928 °	-121.528928 °	
226	19.00	19.06	Earthen Levee	Vegetation	WS	W	Elderberries are blocking visibility and flood fight capability.			38.353785 °	38.353038 °	192
										-121.529430 °	-121.530123 °	
227	19.06	19.06	Earthen Levee	Encroachments	LS	PO	Landscaping			38.352902 °	38.352902 °	196
										-121.530038 °	-121.530038 °	Y
228	19.18	19.18	Earthen Levee	Vegetation	WS	W	Elderberries are blocking visibility and flood fight capability.			38.351783 °	38.351783 °	193
										-121.531403 °	-121.531403 °	
229	19.18	19.22	Earthen Levee	Encroachments	LS	PO	Landscaping			38.351662 °	38.351197 °	194
										-121.531330 °	-121.531785 °	Y

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.32
End Levee Mile	0.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

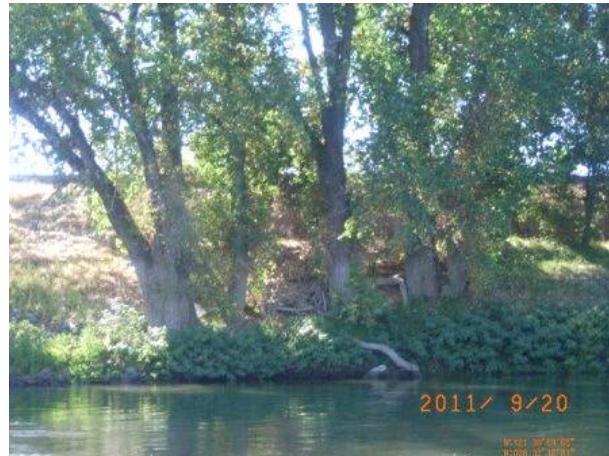
USACE2011\_SAC\_55-5\_L\_1.jpg



Levee Mile Report Line	1
Start Levee Mile	0.32
End Levee Mile	0.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_SAC\_55-5\_L\_2.jpg



Levee Mile Report Line	1
Start Levee Mile	0.32
End Levee Mile	0.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011\_SAC\_55-5\_L\_3.jpg



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	2
Start Levee Mile	0.40
End Levee Mile	0.48
Location	Crown
Category	Earthen Levee
Item	Encroachments
A view of the parking area and landscape. Fall 2011	
	
johngw_f_20111107_499.jpg	

Levee Mile Report Line	3
Start Levee Mile	0.48
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Landscape on the waterside at Le Rivage Hotel. Fall 2011	
	
johngw_f_20111107_500.jpg	

Levee Mile Report Line	3
Start Levee Mile	0.48
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
The landscape that is planted on the crown of the levee. Fall 2011	
	
johngw_f_20111107_501.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

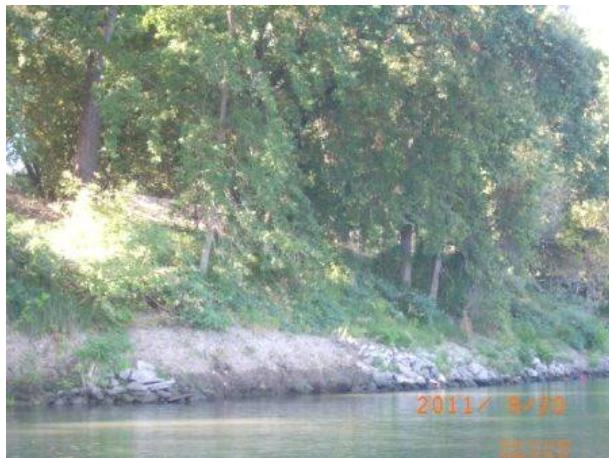
**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.53
End Levee Mile	0.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Hotel and restaurant at old Captain's Table, Le Rivage Hotel. Fall 2011	
	
johngw_f_20111107_502.jpg	

Levee Mile Report Line	5
Start Levee Mile	0.64
End Levee Mile	0.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

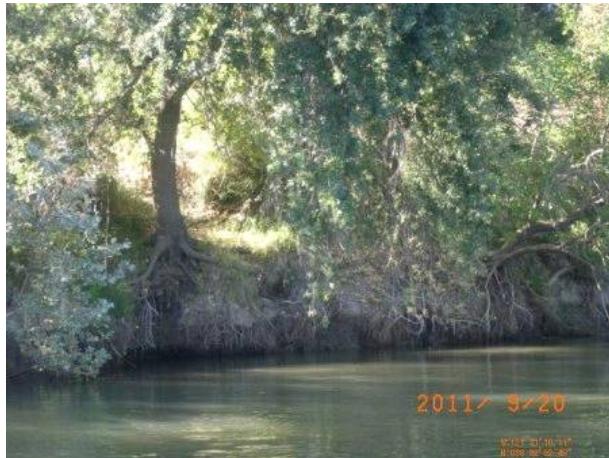
USACE 2011 Photo #1



USACE2011\_SAC\_55-2\_L\_1.jpg

Levee Mile Report Line	5
Start Levee Mile	0.64
End Levee Mile	0.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2



USACE2011\_SAC\_55-2\_L\_2.jpg

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	5
Start Levee Mile	0.64
End Levee Mile	0.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

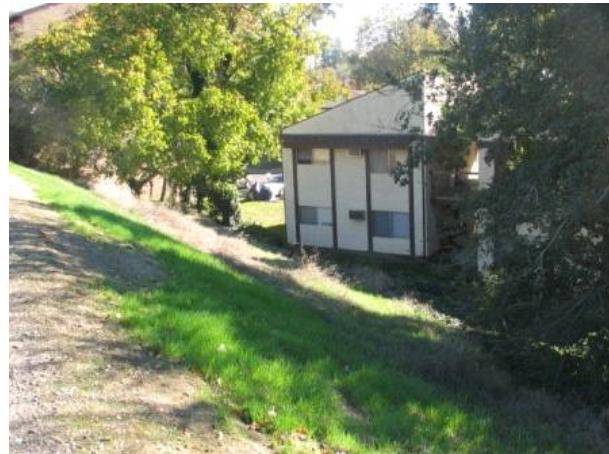
USACE 2011 Photo #3

USACE2011\_SAC\_55-2\_L\_3.jpg



The apartments are within the easement of the levee toe.

johngw\_f\_20111007\_860.jpg



The trees need trimming that are located at the apartments. Fall 2011

johngw\_f\_20111107\_503.jpg



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Tree limbs and brush at the toe left from trimming trees. Fall 2011	
johngw_f_20111107_504.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.72
End Levee Mile	0.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The block wall fence is located at the toe of the levee.	
johngw_f_20111107_861.jpg	



Levee Mile Report Line	15
Start Levee Mile	0.88
End Levee Mile	0.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Ivy groundcover completely covers the ground and makes it hard too see seepage. Fall 2011	
johngw_f_20111107_505.jpg	



johngw\_f\_20111107\_505.jpg

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	16
Start Levee Mile	0.93
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscape shrubs and trees are blocking visibility of the levee slope. Fall 2011	
<a href="#">johngw_f_20111107_506.jpg</a>	



Levee Mile Report Line	20
Start Levee Mile	0.98
End Levee Mile	1.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The ivy is overgrown and is climbing the trees.	
<a href="#">johngw_f_20111107_870.jpg</a>	



Levee Mile Report Line	21
Start Levee Mile	1.00
End Levee Mile	1.02
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Ivy groundcover covers part of the levee slope and wood debris from trimmings is left at the toe. Fall 2011	
<a href="#">johngw_f_20111107_507.jpg</a>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

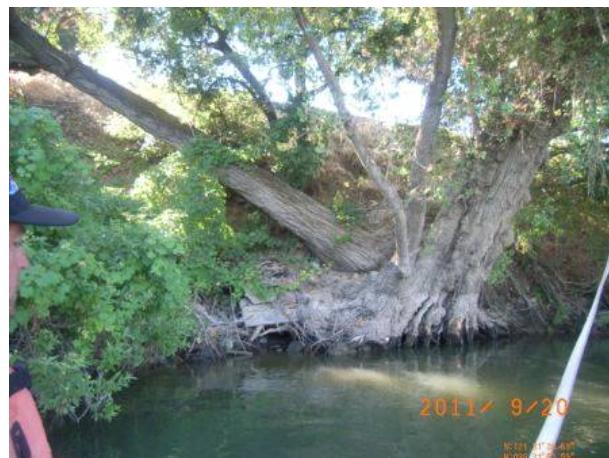
Levee Mile Report Line	23
Start Levee Mile	1.04
End Levee Mile	1.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The overgrown landscape makes it hard to see.	
<i>johngw_f_20111007_871.jpg</i>	



Levee Mile Report Line	25
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
<i>USACE2011_SAC_54-8_L_1.jpg</i>	



Levee Mile Report Line	25
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
<i>USACE2011_SAC_54-8_L_2.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	27
Start Levee Mile	1.27
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The trees and vegetation makes it hard to see through to the toe. Fall 2011	
<a href="#">johngw_f_20111107_508.jpg</a>	



Levee Mile Report Line	28
Start Levee Mile	1.29
End Levee Mile	1.29
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A large cottonwood tree at toe of levee fell. Fall 2011	
<a href="#">johngw_f_20111107_509.jpg</a>	



Levee Mile Report Line	28
Start Levee Mile	1.29
End Levee Mile	1.29
Location	Water Side
Category	Earthen Levee
Item	Encroachments
The rootball took a small divot out of the toe of the levee. Fall 2011	
<a href="#">johngw_f_20111107_510.jpg</a>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	29
Start Levee Mile	1.31
End Levee Mile	1.34
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Hedges block the view of the toe and backyard.	
<i>johngw_f_20111007_875.jpg</i>	



Levee Mile Report Line	30
Start Levee Mile	1.31
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Firewood is stacked along the toe of the levee.	
<i>johngw_f_20111007_876.jpg</i>	



Levee Mile Report Line	31
Start Levee Mile	1.34
End Levee Mile	1.36
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The wooden fence along the toe is hard to see through.	
<i>johngw_f_20111007_877.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	33
Start Levee Mile	1.38
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Ivy completely covers the ground.	
<i>johngw_f_20111007_878.jpg</i>	



Levee Mile Report Line	34
Start Levee Mile	1.41
End Levee Mile	1.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Horsetail vegetation completely blocks levee slope. Fall 2011	
<i>johngw_f_20111107_511.jpg</i>	



Levee Mile Report Line	36
Start Levee Mile	1.88
End Levee Mile	1.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The trees and vegetation makes it hard to see the toe.	
<i>johngw_f_20111007_880.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

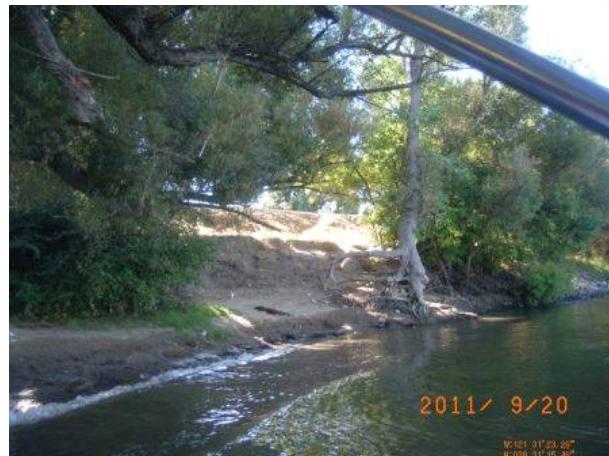
**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	37
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The house is on the crown with landscaping up to the shoulder.	
<a href="#">johngw_f_20111007_881.jpg</a>	



Levee Mile Report Line	38
Start Levee Mile	1.91
End Levee Mile	1.95
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
<a href="#">USACE2011_SAC_53-8_L_1.jpg</a>	



Levee Mile Report Line	38
Start Levee Mile	1.91
End Levee Mile	1.95
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
<a href="#">USACE2011_SAC_53-8_L_2.jpg</a>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	A : Acceptable	PO : Partially Obstructing	N : Not Inspected, see Inspector Comment	C : Corrected
	M : Minimally Acceptable	CO : Completely Obstructing		
	U : Unacceptable	W : Watch/Monitor		

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

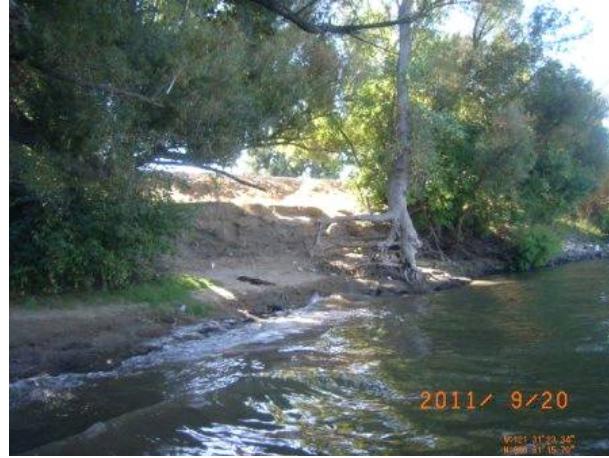
**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	38
Start Levee Mile	1.91
End Levee Mile	1.95
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011\_SAC\_53-8\_L\_3.jpg



House is located on the levee slope and garden is terraced into the slope.

johngw\_f\_20111007\_882.jpg



The wooden fence and building are along the toe of the levee.

johngw\_f\_20111007\_883.jpg



\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

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U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
W : Watch/Monitor  
N : Not Inspected, see Inspector Comment  
C : Corrected

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	42
Start Levee Mile	2.85
End Levee Mile	2.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The garden area is at the toe of the levee.	
<i>johngw_f_20111007_884.jpg</i>	



Levee Mile Report Line	51
Start Levee Mile	3.04
End Levee Mile	3.10
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
<i>USACE2011_SAC_52-7_L_1.jpg</i>	



Levee Mile Report Line	51
Start Levee Mile	3.04
End Levee Mile	3.10
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
<i>USACE2011_SAC_52-7_L_2.jpg</i>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	51
Start Levee Mile	3.04
End Levee Mile	3.10
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_SAC_52-7_L_3.jpg	



Levee Mile Report Line	52
Start Levee Mile	3.06
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Several homes have solid fences and make it hard to see.	
johngw_f_20111007_886.jpg	



Levee Mile Report Line	55
Start Levee Mile	3.16
End Levee Mile	3.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A tree at the water edge has fallen. Fall 2011	
johngw_f_20111107_512.jpg	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating			
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

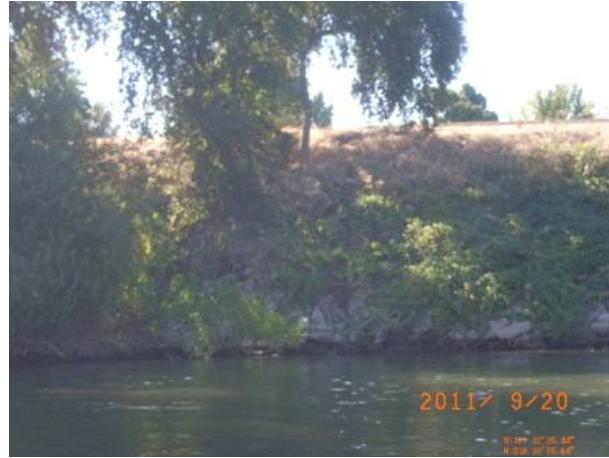
Levee Mile Report Line	55
Start Levee Mile	3.16
End Levee Mile	3.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
The rootball has left a small hole behind it. Fall 2011	
<a href="#">johngw_f_20111107_513.jpg</a>	



Levee Mile Report Line	65
Start Levee Mile	3.27
End Levee Mile	3.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
<a href="#">USACE2011_SAC_52-4_L_1.jpg</a>	



Levee Mile Report Line	65
Start Levee Mile	3.27
End Levee Mile	3.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
<a href="#">USACE2011_SAC_52-4_L_2.jpg</a>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	66
Start Levee Mile	3.28
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence and retaining wall with star jasmine growing on it blocks view of the toe. Fall 2011	
<a href="#">johngw_f_20111107_514.jpg</a>	



Levee Mile Report Line	70
Start Levee Mile	3.34
End Levee Mile	3.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The wooden fence is along the toe of the levee.	
<a href="#">johngw_f_20111107_887.jpg</a>	



Levee Mile Report Line	71
Start Levee Mile	3.60
End Levee Mile	3.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Rebuilding the fence with solid boards. Vines and shrubs completely block visibility.	
<a href="#">johngw_f_20111107_888.jpg</a>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	A : Acceptable	PO : Partially Obstructing	N : Not Inspected, see Inspector Comment	C : Corrected
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	73
Start Levee Mile	3.65
End Levee Mile	3.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The fence is of solid construction and blocks visibility.	
<i>johngw_f_20111007_890.jpg</i>	



Levee Mile Report Line	92
Start Levee Mile	3.96
End Levee Mile	3.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wooden stairs are on the waterside levee slope.	
<i>johngw_f_20111007_891.jpg</i>	



Levee Mile Report Line	93
Start Levee Mile	3.98
End Levee Mile	3.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Stairs are on the waterside levee slope.	
<i>johngw_f_20111007_892.jpg</i>	



\* Location  
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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	97
Start Levee Mile	4.05
End Levee Mile	4.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The homeowner has planted cactus and other shrubs landscaped with steps. Fall 2011	
<a href="#">johngw_f_20111107_515.jpg</a>	



Levee Mile Report Line	98
Start Levee Mile	4.07
End Levee Mile	4.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The homeowner has planted groundcover and installed retaining walls. Fall 2011	
<a href="#">johngw_f_20111107_516.jpg</a>	



Levee Mile Report Line	103
Start Levee Mile	4.17
End Levee Mile	4.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fenced area with a walk through to the neighborhood. This is the City of Sacramento's property.	
<a href="#">johngw_f_20111107_894.jpg</a>	



* Location
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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	104
Start Levee Mile	4.23
End Levee Mile	4.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping and a fence on levee slope.	
<i>johngw_f_20111007_895.jpg</i>	



Levee Mile Report Line	107
Start Levee Mile	4.30
End Levee Mile	4.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Chain link fence leaning towards the backyard with ice plant on the slope.	
<i>johngw_f_20111007_896.jpg</i>	



Levee Mile Report Line	117
Start Levee Mile	4.50
End Levee Mile	4.50
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A small shed was built within the easement of the levee. Fall 2011	
<i>johngw_f_20111107_517.jpg</i>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	124
Start Levee Mile	4.69
End Levee Mile	4.75
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wooden fence along the levee toe makes visibility difficult.	johngw_f_20111007_897.jpg



Levee Mile Report Line	130
Start Levee Mile	5.02
End Levee Mile	5.02
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The two storey house was built at the toe of the levee.	johngw_f_20111007_898.jpg



Levee Mile Report Line	132
Start Levee Mile	5.04
End Levee Mile	5.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The house is within the easement of the levee. Fall 2011	johngw_f_20111107_518.jpg



* Location
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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	133
Start Levee Mile	5.05
End Levee Mile	5.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The side of the barn is into levee toe.	
<i>johngw_f_20111007_900.jpg</i>	



Levee Mile Report Line	135
Start Levee Mile	5.23
End Levee Mile	5.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence and shrubs are on the levee slope. Fall 2011	
<i>johngw_f_20111107_519.jpg</i>	



Levee Mile Report Line	137
Start Levee Mile	5.31
End Levee Mile	5.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The building encroaches into the levee.	
<i>johngw_f_20111007_901.jpg</i>	



* Location
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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	139
Start Levee Mile	5.35
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1



USACE2011\_SAC\_50-3\_L\_1.jpg

Levee Mile Report Line	139
Start Levee Mile	5.35
End Levee Mile	5.35
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2



USACE2011\_SAC\_50-3\_L\_2.jpg

Levee Mile Report Line	144
Start Levee Mile	5.55
End Levee Mile	5.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The landscape and fence blocks the view of the toe . Fall 2011



johngw\_f\_20111107\_520.jpg

* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	145
Start Levee Mile	5.58
End Levee Mile	5.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A solid fence was built at the toe of the levee. Fall 2011	
<i>johngw_f_20111107_521.jpg</i>	



Levee Mile Report Line	148
Start Levee Mile	6.90
End Levee Mile	6.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The Redwood trees are blocking the view.	
<i>johngw_f_20111107_903.jpg</i>	



Levee Mile Report Line	151
Start Levee Mile	7.38
End Levee Mile	7.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A solid fence and landscape need to be trimmed.	
<i>johngw_f_20111107_904.jpg</i>	



* Location
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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

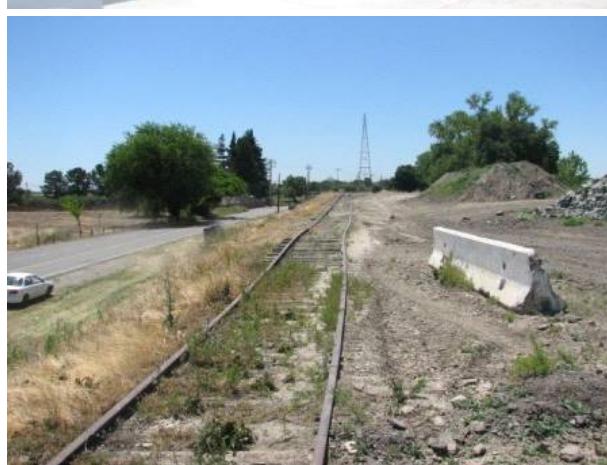
Levee Mile Report Line	152
Start Levee Mile	7.52
End Levee Mile	7.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Another solid fence along the slope.	
<i>johngw_f_20111007_905.jpg</i>	



Levee Mile Report Line	155
Start Levee Mile	8.60
End Levee Mile	8.60
Location	Crown
Category	Earthen Levee
Item	Encroachments
This is the new East Bay MUD pumping plant.	
<i>johngw_f_20111007_863.jpg</i>	



Levee Mile Report Line	156
Start Levee Mile	8.85
End Levee Mile	10.63
Location	Crown
Category	Earthen Levee
Item	Encroachments
The railroad tracks are on the crown of the levee from here to Cliffs marina.	
<i>johngw_f_20111007_906.jpg</i>	



*\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown*

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CO : Completely Obstructing  
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W : Watch/Monitor  
C : Corrected*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	158
Start Levee Mile	9.07
End Levee Mile	9.22
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_SAC\_46-7\_L\_1.jpg



Levee Mile Report Line	158
Start Levee Mile	9.07
End Levee Mile	9.22
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_SAC\_46-7\_L\_2.jpg



Levee Mile Report Line	180
Start Levee Mile	10.64
End Levee Mile	10.64
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This is a photo of the flood wall that was installed earlier.

johngw\_f\_20111007\_907.jpg



* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	180
Start Levee Mile	10.64
End Levee Mile	10.64
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Cliffs marina is on the waterside of the levee crown. The levee crown is HWY 160 and at this point the HWY drops off the crown. Fall 2011	
<a href="#">johngw_f_20111107_478.jpg</a>	



Levee Mile Report Line	185
Start Levee Mile	11.14
End Levee Mile	11.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The landscape shrubs and trees are on the levee slope and block visibility. Fall 2011	
<a href="#">johngw_f_20111107_479.jpg</a>	



Levee Mile Report Line	186
Start Levee Mile	11.18
End Levee Mile	11.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments
There is landscaping planted on the levee slope. Fall 2011	
<a href="#">johngw_f_20111107_480.jpg</a>	



* Location
LS : Land Side
WS : Water Side
CR : Crown

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	M : Minimally Acceptable	CO : Completely Obstructing		
	U : Unacceptable	W : Watch/Monitor		

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	187
Start Levee Mile	11.21
End Levee Mile	11.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscape trees are blocking visibility. Fall 2011	johngw_f_20111107_481.jpg



Levee Mile Report Line	189
Start Levee Mile	11.46
End Levee Mile	11.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The landscaping is planted on the levee slope and shoulder. Fall 2011	johngw_f_20111107_482.jpg



Levee Mile Report Line	190
Start Levee Mile	11.50
End Levee Mile	11.50
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The landscape is planted on the levee slope with the trees and shrubs trimmed up. Fall 2011	johngw_f_20111107_483.jpg



johngw\_f\_20111107\_483.jpg

* Location	** Rating	
LS : Land Side	A : Acceptable	PO : Partially Obstructing
WS : Water Side	M : Minimally Acceptable	CO : Completely Obstructing
CR : Crown	U : Unacceptable	N : Not Inspected, see Inspector Comment
		C : Corrected
		W : Watch/Monitor

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	191
Start Levee Mile	11.67
End Levee Mile	11.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The building and landscape shrubs are at the toe of the levee. Fall 2011	
<i>johngw_f_20111107_484.jpg</i>	



Levee Mile Report Line	192
Start Levee Mile	11.68
End Levee Mile	11.68
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence and shrubs are along the toe of the levee.	
<i>johngw_f_20111107_919.jpg</i>	



Levee Mile Report Line	194
Start Levee Mile	12.14
End Levee Mile	12.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Oleanders are planted on the levee toe and slope to screen the house.	
<i>johngw_f_20111107_918.jpg</i>	



* Location
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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	195
Start Levee Mile	12.27
End Levee Mile	12.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The Johnson grass blocks the view of the levee toe. Fall 2011

johngw\_f\_20111107\_485.jpg



Levee Mile Report Line	196
Start Levee Mile	12.54
End Levee Mile	12.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Groundcover has been planted on the levee slope.

johngw\_f\_20111107\_920.jpg



Levee Mile Report Line	199
Start Levee Mile	12.90
End Levee Mile	12.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Trees, shrubs, groundcover, and lawn are planted on the levee.

johngw\_f\_20111107\_917.jpg



johngw\_f\_20111107\_917.jpg

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

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M : Minimally Acceptable  
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PO : Partially Obstructing  
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N : Not Inspected, see Inspector Comment  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	200
Start Levee Mile	13.60
End Levee Mile	13.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Redwood trees screen a lawn area. The trees are at the toe .	johngw_f_20111007_915.jpg



Levee Mile Report Line	200
Start Levee Mile	13.60
End Levee Mile	13.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Steps and landscaping on slope in front of the house.	johngw_f_20111007_916.jpg



Levee Mile Report Line	201
Start Levee Mile	14.43
End Levee Mile	14.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trees and shrubs planted along the toe and on the slope lining the drive.	johngw_f_20111007_914.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	202
Start Levee Mile	14.57
End Levee Mile	14.77
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The Johnson grass has been sprayed but blocks the view of the toe of the levee. Fall 2011	
johngw_f_20111107_486.jpg	



Levee Mile Report Line	203
Start Levee Mile	14.93
End Levee Mile	14.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Painted brick wall acts as a sound barrier for the house on the levee.	
johngw_f_20111107_922.jpg	



Levee Mile Report Line	204
Start Levee Mile	15.29
End Levee Mile	15.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trees and ivy are plant on the shoulder of the levee.	
johngw_f_20111107_885.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	205
Start Levee Mile	15.32
End Levee Mile	15.46
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The Johnson grass blocks the view of the toe of the levee. Fall 2011	
<i>johngw_f_20111107_487.jpg</i>	



Levee Mile Report Line	207
Start Levee Mile	15.94
End Levee Mile	15.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Some cactus is planted at the toe of the levee. Fall 2011	
<i>johngw_f_20111107_488.jpg</i>	



Levee Mile Report Line	208
Start Levee Mile	16.01
End Levee Mile	16.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The fence is at toe of the levee.	
<i>johngw_f_20111107_926.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

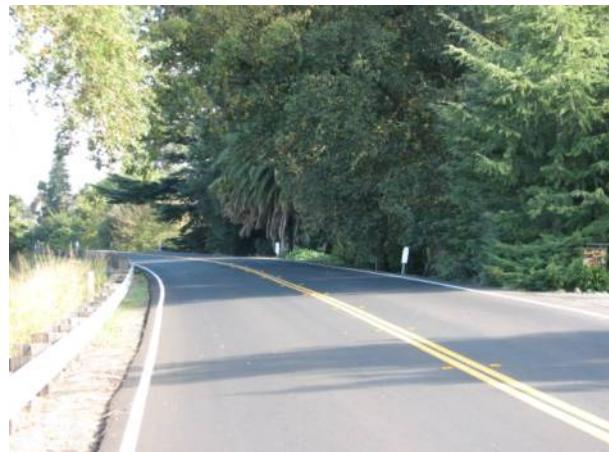
**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	209
Start Levee Mile	16.01
End Levee Mile	16.10
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Tall Johnson grass blocks the view of the toe. Fall 2011	
johngw_f_20111107_489.jpg	



Levee Mile Report Line	210
Start Levee Mile	16.15
End Levee Mile	16.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The landscape vegetation is planted on the levee slope and shoulder. Fall 2011	
johngw_f_20111107_490.jpg	



Levee Mile Report Line	212
Start Levee Mile	16.34
End Levee Mile	16.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
No permit for fence at toe.	
johngw_f_20111107_924.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	212
Start Levee Mile	16.34
End Levee Mile	16.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
No permit for fence at toe.	
<i>johngw_f_20111007_925.jpg</i>	



Levee Mile Report Line	214
Start Levee Mile	16.57
End Levee Mile	16.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Johnson grass is growing at the toe next to the fence. Fall 2011	
<i>johngw_f_20111107_491.jpg</i>	



Levee Mile Report Line	215
Start Levee Mile	17.14
End Levee Mile	17.14
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes are at the toe of the levee Fall 2011	
<i>johngw_f_20111107_492.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	216
Start Levee Mile	17.35
End Levee Mile	17.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trees are planted along the toe of the landside slope.	
johngw_f_20111007_913.jpg	



Levee Mile Report Line	217
Start Levee Mile	17.59
End Levee Mile	17.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trees and shrubs are planted to screen the house upstream of Hood. Fall 2011	
johngw_f_20111107_493.jpg	



Levee Mile Report Line	218
Start Levee Mile	17.69
End Levee Mile	17.75
Location	Water Side
Category	Earthen Levee
Item	Encroachments
The crown of the levee at the town of Hood. Fall 2011	
johngw_f_20111107_498.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	219
Start Levee Mile	17.85
End Levee Mile	17.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Old pumphouse downstream of Hood building cuts into the toe of the levee. Fall 2011	
<i>johngw_f_20111107_494.jpg</i>	



Levee Mile Report Line	220
Start Levee Mile	17.87
End Levee Mile	18.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Johnson grass blocks the view of the toe. Fall 2011	
<i>johngw_f_20111107_495.jpg</i>	



Levee Mile Report Line	221
Start Levee Mile	18.31
End Levee Mile	18.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A metal fence is installed along the shoulder of the levee with trees in the yard.	
<i>johngw_f_20111107_879.jpg</i>	



*johngw\_f\_20111107\_879.jpg*

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	222
Start Levee Mile	18.40
End Levee Mile	18.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Groundcover and Redwood trees are planted on the slope and along the driveway.	
johngw_f_20111007_910.jpg	



Levee Mile Report Line	224
Start Levee Mile	18.57
End Levee Mile	18.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A brick wall separates the roadway and the rest of the landscape on the levee. Fall 2011	
johngw_f_20111107_496.jpg	



Levee Mile Report Line	227
Start Levee Mile	19.06
End Levee Mile	19.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wire fencing, trees and shrubs are planted along the toe of the levee.	
johngw_f_20111007_909.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.61	11/03/2011 11/04/2011	John Williamson

Levee Mile Report Line	229
Start Levee Mile	19.18
End Levee Mile	19.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Oleanders line the driveway and are planted on the slope. Tall trees are planted at the toe. Fall 2011	johngw_f_20111107_497.jpg



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